

IN THE SPECIFICATION

In the following the paragraph numbering used is consistent with that used in Patent Application Publication 2006/0120886 – the publication of the instant application. Please amend the specification as follows:

[0023] Fig. 3 shows ~~the various embodiments of the nozzle;~~ a sharp-edged nozzle;

[0027] After the radiator 12 there is a microfilter with water separator 6b (FIL2) which performs the function of removing excess water, which has condensed out of the compressed air, from the air line. The component 1 designated by "RES" comprises the invention, namely the tapering passage which removes moisture from the space after the nozzle according to the invention.

[0028] Fig. 2 shows the dehumidification process using the device 1 according to the invention. Before the mixture flowing in the tube 2 and comprising either air or gas and water would reach the tapering passage 9 – which may have a nozzle form 3 – it is preferably first cooled by fans 5a, 5b in the radiator 12 (Fig. 1). Because of the taper 9 in the nozzle 3, there is a higher pressure and a local increase in the flow rate before it and thereafter a pressure drop, and consequently a further, substantially greater decrease in the temperature in the gas or air mixture. The water condenses out of the gas owing to the local, low temperature in the nozzle 3. The water which has condensed out is entrained by the air stream and can be separated off immediately after the nozzle 3 in a further water separator 6a having a filter 16, before either the gas or the air becomes saturated again owing to the ambient temperature.